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Application No.: 09/442,111
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PATENT

53. (Once amended) A method of producing a product saccharide, wherein the product saccharide is an oligosaccharide or a glycolipid, the method comprising contacting a microorganism or plant cell with an acceptor saccharide, wherein the cell comprises:

- a) an accessory enzyme for forming a nucleotide sugar; and
b) a heterologous glycosyltransferase which catalyzes the transfer of a sugar from the nucleotide sugar to the acceptor saccharide to produce the product saccharide.

59. (Once amended) The method of claim 53, wherein the accessory enzyme for forming a nucleotide sugar comprises an enzyme that is encoded by a heterologous gene.

72. (New) The method of claim 53, wherein the glycosyltransferase consists essentially of a catalytic domain of the glycosyltransferase.

REMARKS

With this amendment, Claims 53-72 are pending. Claims 1-52 are withdrawn from consideration as being drawn to nonelected inventions, and are canceled without prejudice to subsequent revival. For convenience, the Examiner's rejections are addressed in the order presented in the August 17, 2001 Office Action. Appendix A provides the version with markings to show changes made. Also for the Examiner's convenience, Appendix B, listing all pending and amended claims, is included.

1. Status of the claims

Claim 53 is newly directed to product saccharides comprising an oligosaccharide or a glycolipid. Support for the amendment is found at page 8 of the